ABSTRACT OF THE DISCLOSURE

In a system including a first and a second modem pool, each modem pool including a plurality of modems, where each modem in one of the modem pools is paired with a corresponding modem in the other of the modem pools, a method for

5   controlling aggregate throughput including initializing each of the modems at an outbound throughput and an inbound throughput, where the outbound and inbound throughputs of at least one of the modems are determined independently from one another, determining an aggregate outbound throughput for each of the modem pools, and for each of the modem pools whose aggregate outbound throughput exceeds an

10   associated optimal aggregate throughput, reducing the outbound throughput of any of the modems until the aggregate outbound throughput equals the optimal aggregate throughput.